

FORM PTO-1449  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)	ATTY. DOCKET NO. TAN-2-1495.01.US	SERIAL NO. 09/778,474
	APPLICANT Nelson et al.	
	FILING DATE February 7, 2001	GROUP 2467

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		3,560,978	02/1971	Himmel et al.			
		3,725,938	04/1973	Black et al.			
		3,742,498	06/1973	Dunn			
		3,846,799	11/1974	Guegen			
		3,950,753	04/1976	Chisholm			
		4,021,813	05/1977	Black et al.			
		4,099,184	07/1978	Rapshys			
		4,107,469	08/1978	Jenkins			
		4,170,766	10/1979	Bridham et al.			
		4,260,994	04/1981	Parker			
		4,290,071	09/1981	Fenwick			
		4,387,378	06/1982	Henderson			
		4,448,155	12/1984	Wu			
		4,577,316	03/1986	Schiff			
		4,599,733	07/1986	Gutleber			
		4,625,308	11/1986	Kim et al.			
		4,631,545	12/1986	Dumas et al.			
		4,642,806	02/1987	Hewitt et al.			
		4,675,863	06/1987	Paneth et al.			
		4,700,197	10/1987	Milne			
		4,817,089	03/1989	Paneth et al.			
		4,841,526	06/1989	Wilson et al.			
		4,862,453	08/1989	West et al.			
		4,866,709	09/1989	West et al.			
		4,912,705	03/1990	Paneth et al.			

EXAMINER /Saba Tsegaye/ (12/15/2010)	DATE CONSIDERED
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,949,395	08/1990	Rydbeck			
	4,954,950	9/4/1990	Freeman et al.			
	5,022,024	06/1991	Paneth et al.			
	5,027,125	06/1991	Tang			
	5,027,348	06/1991	Curry, Jr.			
	5,027,400	06/1991	Baji et al.			
	5,038,149	08/1991	Aubry et al.			
	5,056,109	10/1991	Gilhausen et al.			
	5,068,916	11/1991	Harrison et al.			
	5,101,416	03/1992	Fenton et al.			
	5,103,459	04/1992	Gilhausen et al.			
	5,114,375	05/1992	Wellhausen et al.			
	5,115,309	05/1992	Hang			
	5,117,236	05/1992	Chang et al.			
	5,124,981	06/1992	Golding			
	5,130,983	07/1992	Heffner III			
	5,226,044	07/1993	Gupta et al.			
	5,235,343	08/1993	Audren et al.			
	5,257,283	10/1993	Gilhausen et al.			
	5,257,262	11/1993	Wheatly III			
	5,268,900	12/1993	Hluchyj et al.			
	5,280,472	01/1994	Gilhausen et al.			
	5,282,222	01/1994	Fattouche et al.			
	5,293,172	03/1994	Lamberty et al.			
	5,294,939	03/1994	Sanford et al.			
	5,303,240	04/1994	Borras et al.			

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	5,325,394	06/1994	Bruckert			
	5,325,419	06/1994	Connolly et al.			
	5,337,316	08/1994	Weiss et al.			
	5,339,316	08/1994	Diepstraten			
	5,353,332	10/1994	Raith et al.			
	5,355,374	11/1994	Hester et al.			
	5,373,502	12/1994	Turban			
	5,375,124	12/1994	D'Ambrogio et al.			
	5,388,102	02/1995	Griffith et al.			
	5,394,473	02/1995	Davidson			
	5,412,429	05/1995	Glover			
	5,414,728	05/1995	Zehavi			
	5,422,887	06/1995	Diepstraten et al.			
	5,430,452	07/1995	DuBois			
	5,437,055	07/1995	Wheatley, III			
	5,442,625	08/1995	Gitlin et al.			
	5,446,727	08/1995	Bruckert et al.			
	5,463,629	10/1995	Ko			
	5,471,463	11/1995	Hulbert			
	5,479,176	12/1995	Zavrel, Jr.			
	5,481,533	01/1996	Honig et al.			
	5,487,180	01/23/1996	Ohtake			
	5,490,136	02/1996	Sereno et al.			
	5,493,569	02/1996	Buchholz et al.			
	5,502,447	03/1996	Kumpfbeck et al.			
	5,511,068	04/1996	Sato			

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	5,537,397	07/1996	Abramson			
	5,537,414	07/16/1996	Takiyasu et al.			
	5,550,828	08/27/1996	Gries et al.			
	5,559,789	09/1996	Nakano et al.			
	5,577,022	11/19/1996	Padovani et al.			
	5,581,575	12/1996	Zehavi et al.			
	5,585,850	12/1996	Schwaller			
	5,586,119	12/1996	Scribano et al.			
	5,590,409	12/1996	Sawahashi et al.			
	5,592,178	01/1997	Chang et al.			
	5,592,468	01/1997	Sato			
	5,592,470	01/1997	Rudrapatna et al.			
	5,592,471	01/1997	Briskman			
	5,598,416	01/1997	Yamada et al.			
	5,598,417	01/1997	Crisler et al.			
	5,604,730	12/1997	Tiedemann Jr.			
	5,606,580	02/1997	Mourot et al. <sup>1</sup>			
	5,617,102	04/1997	Prater			
	5,617,423	04/1997	Li et al.			
	5,619,492	04/1997	Press et al.			
	5,619,524	04/1997	Ling et al.			
	5,621,752	04/1997	Antonio et al.			
	5,634,199	05/1997	Gerlach et al.			
	5,642,348	06/1997	Barzegar et al.			
	5,642,377	06/1997	Chung et al.			
	5,652,764	07/1997	Kanzaki et al.			

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	5,655,001	08/1997	Cline et al.			
	5,657,326	06/1997	Burns et al.			
	5,657,358	08/1997	Panech et al.			
	5,663,958	09/1997	Ward			
	5,663,990	09/1997	Bolgiano et al.			
	5,673,259	09/1997	Quick, Jr.			
	5,680,142	10/1997	Smith et al.			
	5,684,794	11/1997	Lopez et al.			
	5,687,194	11/1997	Paneth et al.			
	5,689,502	11/1997	Scott			
	5,697,059	12/1997	Carney			
	5,699,364	12/1997	Sato et al.			
	5,708,656	01/1998	Noneman et al.			
	5,712,869	01/1998	Lee et al.			
	5,715,236	02/1998	Gilhausen et al.			
	5,726,981	03/1998	Ylitrvo et al.			
	5,734,646	03/1998	I et al.			
	5,739,784	04/1998	Jan et al.			
	5,742,592	04/1998	Scholefield et al.			
	5,745,484	04/1998	Scott			
	5,745,484	04/1998	Scott			
	5,758,288	05/1998	Dunn et al.			
	5,767,807	06/1998	Pritchett			
	5,781,542	07/1998	Tanaka et al.			
	5,781,543	07/1998	Ault et al.			
	5,784,406	07/1998	DeJaco et al.			

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	5,790,549	08/1998	Dent			
	5,790,551	08/1998	Chan			
	5,793,744	08/1998	Kanerva et al.			
	5,802,046	09/1998	Scott			
	5,802,465	09/1998	Hamalainen et al.			
	5,805,994	09/1998	Perrault et al.			
	5,812,131	09/1998	Bertram			
	5,825,807	10/1998	Kumar			
	5,828,659	10/1998	Teder et al.			
	5,828,662	10/1998	Jalali et al.			
	5,838,720	11/17/1998	Morelli			
	5,841,768	11/1998	Ozluturk et al.			
	5,844,894	12/1998	Dent			
	5,845,211	12/1998	Roach			
	5,854,786	12/1998	Henderson et al.			
	5,856,971	01/1999	Gitlin et al.			
	5,859,840	01/1999	Tiedemann, Jr. et al.			
	5,859,879	01/1999	Bolgiano et al.			
	5,862,476	01/1999	Hasegawa			
	5,867,527	02/1999	Ziv et al.			
	5,872,786	02/1999	Shobatake			
	5,873,043	02/16/1999	Comer			
	5,881,060	03/1999	Morrow et al.			
	5,881,368	03/1999	Grob et al.			
	5,884,196	03/1999	Lekven et al.			
	5,892,774	04/1999	Zehavi et al.			

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	5,893,035	04/1999	Chen			
	5,894,473	04/1999	Dent			
	5,896,376	04/1999	Alperovich et al.			
	5,898,929	04/1999	Haartsen			
	5,905,473	05/1999	Taenzer			
	5,910,944	06/1999	Callicotte et al.			
	5,910,945	06/1999	Garrison et al.			
	5,914,950	06/1999	Tiedemann, Jr et al.			
	5,915,216	06/22/1999	Lysejko			
	5,923,650	07/1999	Chen et al.			
	5,926,500	07/1999	Odenwalder			
	5,930,230	07/1999	Odenwalder et al.			
	5,933,781	08/1999	Willenegger et al.			
	5,943,362	08/1999	Saito			
	5,950,131	09/1999	Vilmur			
	5,956,332	09/1999	Rasanen et al.			
	5,959,980	09/1999	Scott			
	5,960,361	09/1999	Chen			
	5,963,559	08/7/2003	Ohki			
	5,966,374	10/1999	Rasanen			
	5,974,036	10/26/1999	Acharya et al.			
	5,982,760	11/1999	Chen			
	5,991,279	11/1999	Haugli et al.			
	5,991,284	11/1999	Willenegger et al.			
	5,991,618	11/23/1999	Hall			
	6,001,800	12/1999	Mehta et al.			

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	6,002,690	12/1999	Takayama et al.			
	6,005,852	12/1999	Kokko et al.			
	6,005,855	12/1999	Zehavi et al.			
	6,009,106	12/1999	Rustad et al.			
	6,011,800	01/2000	Nadgauda et al.			
	6,016,312	01/2000	Storn et al.			
	6,028,868	02/2000	Yeung et al.			
	6,031,827	02/2000	Rikkinen et al.			
	6,034,638	03/2000	Thier et al.			
	6,037,905	03/2000	Koscica et al.			
	6,038,450	03/14/2000	Brink et al.			
	6,049,535	04/2000	Ozluturk			
	6,049,538	04/2000	Scott			
	6,052,385	04/2000	Kanerva et al.			
	6,058,338	05/2000	Agashe et al.			
	6,064,678	05/2000	Sindhushayana et al.			
	6,069,880	05/1999	Owen et al.			
	6,069,885	05/2000	Ejzak et al.			
	6,070,071	05/2000	Chavez et al.			
	6,075,974	06/2000	Saints et al.			
	6,078,572	06/2000	Tanno et al.			
	6,081,536	06/2000	Gorsuch et al.			
	6,088,335	07/2000	I et al.			
	6,094,421	07/2000	Scott			
	6,094,576	07/2000	Häkkinen et al.			
	6,097,733	08/2000	Basu et al.			

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	6,097,972	08/2000	Saints et al.			
	6,100,843	08/2000	Proctor, Jr. et al.			
	6,101,176	08/2000	Honkasalo et al.			
	6,101,179	08/2000	Soliman			
	6,104,708	08/2000	Bergamo			
	6,111,863	08/2000	Rostoker et al.			
	6,112,092	08/2000	Benveniste			
	6,115,370	09/2000	Struhsaker et al.			
	6,118,767	09/2000	Shen et al.			
	6,134,233	10/2000	Kay			
	6,151,332	11/2000	Gorsuch et al.			
	6,157,616	12/2000	Whitehead			
	6,157,619	12/2000	Ozluturk et al.			
	6,161,013	12/2000	Anderson et al.			
	6,163,707	12/2000	Miller			
	6,169,731	01/2001	Stewart et al.			
	6,185,184	02/2001	Mattaway et al.			
	6,185,269	02/2001	Kuchi et al.			
	6,188,678	02/2001	Prescott			
	6,188,903	02/2001	Gardner et al.			
	6,196,362	02/2001	Darcie et al.			
	6,198,723	03/2001	Parruck et al.			
	6,201,966	03/2001	Rinne et al.			
	6,208,871	03/2001	Hall et al.			
	6,212,175	04/2001	Harsch			
	6,212,220	04/2001	Proctor Jr., et al.			

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	6,215,798	04/2001	Carneheim et al.			
	6,219,342	04/2001	Rege			
	6,219,342	04/2001	Rege			
	6,222,828	04/2001	Ohlson et al.			
	6,222,832	04/2001	Proctor, Jr.			
	6,222,873	04/2001	Bang et al.			
	6,226,527	05/2001	Dalsgaard et al.			
	6,233,439	05/2001	Jalali			
	6,236,647	05/2001	Amalmano			
	6,236,674	05/22/2001	Morelli et al.			
	6,243,372	06/2001	Petch et al.			
	6,246,673	06/2001	Tiedmann et al.			
	6,246,715	06/2001	Park et al.			
	6,256,509	07/2001	Tanaka et al.			
	6,259,683	07/2001	Sekine et al.			
	6,262,980	07/2001	Leung et al.			
	6,263,013	07/2001	Hendrickson			
	6,269,075	07/2001	Tran			
	6,269,088	07/2001	Masui et al.			
	6,272,168	08/2001	Lomp et al.			
	6,272,354	08/2001	Saaro			
	6,275,478	08/2001	Tiedemann Jr.			
	6,278,701	08/2001	Ayyagari et al.			
	6,285,665	09/2001	Chuah			
	6,292,474	09/2001	Ali et al.			
	6,301,291	10/2001	Rouphael et al.			

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	6,304,215	10/2001	Proctor, Jr. et al.			
	6,307,840	10/2001	Wheatley III et al.			
	6,310,859	10/2001	Morita et al.			
	6,314,300	11/2001	Nakashima et al.			
	6,317,092	11/2001	De Schweinitz et al.			
	6,320,851	11/2001	Kim et al.			
	6,332,008	12/2001	Giallorenzi et al.			
	6,337,668	01/2002	Ito et al.			
	6,353,412	03/2002	Soliman			
	6,353,645	03/2002	Solve et al.			
	6,356,555	03/2002	Rakib et al.			
	6,366,570	04/2002	Bhagalia			
	6,366,786	04/2002	Norman et al.			
	6,370,117	04/2002	Koraitim et al.			
	6,373,830	04/2002	Ozluturk			
	6,373,834	04/2002	Lundh et al.			
	6,377,548	04/2002	Chuah			
	6,377,809	04/2002	Rezaiifar et al.			
	6,388,997	05/2002	Scott			
	6,388,999	05/2002	Gorsuch et al.			
	6,389,000	05/2002	Jou			
	6,396,804	05/2002	Odenwalder			
	6,396,823	05/2002	Park et al.			
	6,418,148	07/2002	Kumar et al.			
	6,424,645	07/23/2002	Kawabata et al. <sup>3</sup>			
	6,426,960	07/2002	Antonio			

EXAMINER /Saba Tsegaye/ (12/15/2010)	DATE CONSIDERED
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	APPLICANT Nelson et al.	
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,452,911	09/2002	Seo			
	6,452,913	09/2002	Proctor, Jr.			
	6,453,176	09/2002	Lopes et al.			
	6,456,608	09/2002	Lomp			
	6,466,800	10/2002	Sydon et al.			
	6,469,991	10/2002	Chuah			
	6,473,623	10/2002	Benveniste			
	6,483,816	11/2002	Tsunebara et al.			
	6,490,461	12/2002	Muller			
	6,498,785	12/2002	Derryberry et al.			
	6,498,790	12/2002	Shaheen et al.			
	6,498,939	12/2002	Thomas			
	6,501,787	12/2002	Odenwalder et al.			
	6,504,830	01/2003	Östberg et al.			
	6,512,751	01/2003	Struhsaker et al.			
	6,519,452	02/2003	Agostino et al.			
	6,519,651	02/2003	Dillon			
	6,522,639	02/2003	Kitade et al.			
	6,526,039	02/2003	Dahlman et al.			
	6,526,064	02/2003	Bousquet <sup>2</sup>			
	6,526,281	02/2003	Gorsuch et al.			
	6,532,226	03/2003	Lehtinent et al.			
	6,532,365	03/2003	Anderson et al.			
	6,542,481	04/2003	Foore et al.			
	6,545,986	04/2003	Stellakis			
	6,545,994	04/2003	Nelson et al.			

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	6,546,252	04/2003	Jetzek et al.			
	6,567,391	05/2003	Moon			
	6,567,416	05/2003	Chuah			
	6,567,670	05/2003	Petersson			
	6,570,865	05/2003	Masui et al.			
	6,571,296	05/2003	Dillon			
	6,574,211	06/2003	Padovani et al.			
	6,587,446	07/2003	Sarkar et al.			
	6,597,913	07/2003	Natarajan			
	6,611,231	08/07/2003	Crilly et al.			
	6,621,808	09/2003	Sadri			
	6,633,554	10/2003	Dalal			
	6,647,000	11/2003	Persson et al.			
	6,687,509	02/2004	Schmutz et al.			
	6,690,652	02/2004	Sadri			
	6,690,938	02/2004	Chin			
	6,697,642	02/2004	Thomas			
	6,707,804	03/2004	Proctor, Jr.			
	6,717,918	04/2004	Ahn et al.			
	6,718,180	04/2004	Lundh et al.			
	6,724,740	04/2004	Choi et al.			
	6,724,743	04/2004	Pigeonnat			
	6,731,954	05/2004	Katz			
	6,735,188	05/2004	Becker et al.			
	6,760,596	07/2004	Fiorini et al.			
	6,768,727	07/2004	Sourour et al.			

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	6,775,558	08/2004	Ranta et al.			
	6,782,277	08/2004	Chen et al.			
	6,785,247	08/2004	Lee			
	6,788,661	09/2004	Ylitalo et al.			
	6,795,416	09/2004	Han et al.			
	6,804,219	10/2004	Koo et al.			
	6,807,221	10/2004	Kim et al.			
	6,826,169	11/2004	Nagatani et al.			
	6,831,910	12/2004	Moyn et al.			
	6,868,075	03/2005	Narvinger et al.			
	6,925,068	08/2005	Stanwood et al.			
	6,931,252	08/2005	Aroudaki			
	6,934,319	08/2005	Subramanian			
	6,940,845	09/2005	Benveniste			
	6,954,444	10/2005	Ji et al.			
	6,956,840	10/2005	Proctor, Jr.			
	6,963,540	11/2005	Choi et al.			
	6,977,910	12/2005	Hosur et al.			
	6,998,471	02/2006	Frazer et al.			
	7,027,420	04/2006	Hamalainen			
	7,079,523	07/2006	Nelson Jr. et al.			
	7,136,377	11/2006	Tweedly et al.			
	7,218,623	05/2007	Proctor, Jr.			
	7,221,664	05/2007	Proctor, Jr.			
	2001/0030990	10/2001	Rouphael et al.			
	2001/0033558	10/2001	Matsuki			

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		2001/0036200	11/2001	Nelson et al.			
		2001/0038674	11/2001	Trans			
		2001/0039191	11/2001	Maierhofer			
		2002/0009061	01/2002	Willenegger			
		2002/0012332	05/2002	Tiedmann et al.			
		2002/0045441	04/2002	Ralston et al.			
		2002/0080024	06/2002	Nelson et al.			
		2002/0097700	07/25/2002	Alastalo			
		2002/0141478	10/2002	Ozluturk et al.			
		2003/0060224	03/2003	Nelson et al.			
		2003/0095517	05/22/2003	Proctor, Jr.			
		2003/0123401	07/2003	Dean			
		2004/0005078	01/08/2004	Tillotson			
		2004/0009785	01/2004	Nelson et al.			
		2004/0047328	03/2004	Proctor et al.			
		2004/0073803	04/15/2004	Keramane			
		2004/0160910	08/2004	Gorsuch et al.			
		2004/0180695	09/2004	Foore et al.			
		2005/0208961	09/2005	Willenegger			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		2812575	09/1979	DE				
		0 443 061	08/1991	EP				
		0 526 106	02/1993	EP				
		0 682 423	11/1995	EP				

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							YES	NO
		0 682 426	11/1995	EP				
		0 719 062	06/1996	EP				
		0 720 309	07/1996	EP				
		0 773 636	05/1997	EP				
		0 910 176	04/1999	EP				
		0 475 698	03/1997	EP				
		1 018 809	12/2000	EP				
		0 808 074	11/1997	EP				
		0 907 262	04/1999	EP			X**	
		2 326 524	12/1998	GB			X**	
		59-050603	03/1984	JP			X**	
		02-177643	07/1990	JP			X**	
/ST/	*	03-049324	03/1991	JP			X**	
		07-067164	03/1995	JP				
		07-095151	04/1995	JP				
		07-264098	10/1995	JP			X**	
		08-065273	03/1996	JP			X**	
		09-055693	02/1997	JP			X**	
		566045	12/2003	TW				
		200536325	11/2005	TW				
		95/08900	03/1995	WO				
		96/08934	03/1996	WO				
		96/19050	06/1996	WO				
		96/27994	12/1996	WO				
		96/37081	11/1996	WO				

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							YES	NO
		97/23073	06/1997	WO				
		97/26726	07/1997	WO				
		97/32412	09/1997	WO				
		97/46041	04/1997	WO				
		97/46044	12/1997	WO				
		99/14869	03/1999	WO				
		99/31811	06/1999	WO				
		99/52306	10/1999	WO				
		99/63682	12/1999	WO				
		00/72464	11/2000	WO				

## OTHER DOCUMENTS

EXAMINER INITIAL		DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)
		Attachment 2, <i>High Speed Data RLP</i> Lucent Technologies, Version 0.1, January 16, 1997.
		Azad et al., Multirate Spread Spectrum Direct Sequence CDMA Techniques, 1994, The Institute of Electrical Engineers.
		Bell Labs Technical Journal, Lucent Technologies, Volume 2, Number 3, Summer 1997.
		Budka et al., Cellular Digital Packet Data Networks, Bell Labs Technical Journal, Summer 1997, Pages 164-181.
		Cellular Digital Packet Data, System Specification, Release 1.1, January 19, 1995.

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EXAMINER INITIAL	DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)
	CHELOUAH, A., ET AL., "Angular Diversity Based on Beam Switching of Circular Arrays for Hiperlan Terminals," <i>Electronics Letters</i> , Vol. 36, No. 5, pp. 387-388, (March 2, 2000)
	Chih-Lin I et al., IS-95 Enhancements for Multimedia Services, Bell Labs Technical Journal, Pages 60-87, Autumn 1996.
	Chih-Lin I et al., Load and Interference Based Demand Assignment (LIDA) for Integrated Services in CDMA Wireless Systems, November 18, 1996, Pages 233-241.
	Chih-Lin I et al., Multi-Code CDMA Wireless Personal Communications Networks, June 18, 1005.
	Chih-Lin I et al., Performance of Multi-Code CDMA Wireless Personal Communications Networks, July 25, 1996.
	Chih-Lin I et al., Variable Spreading Gain CDMA with Adaptive Control for True Packet Switching Wireless Network, 1995, Pages 725-730.
	Chung, Packet Synchronization and Identification for Incremental Redundancy Transmission in FH-CDMA Systems, 1992, IEEE, Pages 292-295.
	<i>Data Service Options for Wideband Spread Spectrum Systems</i> . TIA/EIA Interim Standard. TIA/EIA/IS-707-A. April 1999.
	Data Service Options for Wideband Spread Spectrum Systems: Introduction, PN-3676. 1 (to be published as TIA/EIA/IS-707.1), March 20, 1997 (Content Revision 1).
	<i>Data Services Option Standard for Wideband Spread Spectrum Digital Cellular System</i> . TIA/EIA/IS-99. TIA/EIA Interim Standard. July 1995.
	<i>Data Services Options Standard for Wideband Spread Spectrum Systems: Packet Data Services</i> . PN-3676.5 (to be published as TIA/EIA/IS-707.5) Ballot Version, May 30, 1997.
	Data Standard, Packet Data Section, PN-3676.5 (to be published as TIA/EIA/IS-DATA.5), December 8, 1996, Version 02 (Content Revision 03).

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EXAMINER INITIAL	DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)
	Draft Text for "95C" Physical Layer (Revision 4), Part 1, Document #531-981-20814-95C, Part 1 on 3GPP2 website ( <a href="ftp://ftp.3gpp2.org/tsgc/working/1998/1298_Maui/WG3-TG1/531-98120814-95c,%20part%201.pdf">ftp://ftp.3gpp2.org/tsgc/working/1998/1298_Maui/WG3-TG1/531-98120814-95c,%20part%201.pdf</a> ).
	Draft Text for "95C" Physical Layer (Revision 4), Part 2, Document #531-981-20814-95C, Part 2 on 3GPP2 website ( <a href="ftp://ftp.3gpp2.org/tsgc/working/1998/1298_Maui/WG3-TG1/531-98120814-95c,%20part%202.pdf">ftp://ftp.3gpp2.org/tsgc/working/1998/1298_Maui/WG3-TG1/531-98120814-95c,%20part%202.pdf</a> , 1998).
	DURNAN, G.J., ET AL. "Optimization of Microwave Parabolic Antenna Systems Using Switched Parasitic Feed Structures," URSI National Science Meeting, Boulder, CO, p. 323, (January 4-8, 2000)
	DURNAN, G.J., ET AL., "Switched Parasitic Feeds for Parabolic Antenna Angle Diversity," <i>Microwave and Optical Tech. Letters</i> , Vol. 23, No. 4, pp. 200-203 (November 20, 1999)
	Ejzak et al., Lucent Technologies Air Interface Proposal for CDMA High Speed Data Service, Revision 0.1, May 5, 1997.
	Ejzak et al., Lucent Technologies Air Interface Proposal for CDMA High Speed Data Service, April 14, 1997.
	Ejzak, et al. <i>Proposal for High Speed Packet Data Service, Version 0.1</i> . Lucent Technologies, January 16, 1997.
	Elhakeem, Congestion Control in Signalling Free Hybrid ATM/CDMA Satellite Network, IEEE, 1995, Pages 783-787.
	GIGER, A.J., <i>Low-Angle Microwave Propagation: Physics and Modeling</i> , Norwood, MA, Artech House, (1991)
	Hall et al., Design and Analysis of Turbo Codes on Rayleigh Fading Channels, IEEE Journal on Selected Areas in Communications, Vol. 16, No. 2, February 1998, Pages 160-174.
	HARRINGTON, R.F., "Reactively Controlled Antenna Arrays," <i>IEEE APS International Symposium Digest</i> , Amherst, MA, pp.62-65, (October 1976)
	HARRINGTON, R.F., "Reactively Controlled Directive Arrays," <i>IEEE Trans. Antennas and Propagation</i> , Vol. AP-26, No. 3, pp. 390-395, (May 1978)

EXAMINER /Saba Tsegaye/	DATE CONSIDERED (12/15/2010)
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EXAMINER INITIAL	DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)
	Heine, Gunnar, "The Air-Interface of GSM", in GSM Networks: Protocols, Terminology, and Implementation, (MA: Artech House, Inc.), pp. 89-100 (1999)
	High Data Rate (HDR) Solution, Qualcomm, December 1998.
	High Data Rate (HDR), cdmaOne optimized for high speed, high capacity data, Wireless Infrastructure, Qualcomm, September 1998.
	Hindelang et al., Using Powerful "Turbo" Codes for 14.4 Kbit/s Data Service in GSM or PCS Systems, IEEE Global Communications Conference, Phoenix, Arizona, USA, November 3-8, 1997, Vol. II, Pages 649-653.
	Honkasalo, Harri. <i>High Speed Data Air Interface</i> . 1996.
	<i>Introduction to cdma2000 Spread Spectrum Systems, Release C</i> . TIA/EIA Interim Standard. TIA/EIA/IS-2000.1-C. May, 2002.
	JAMES, J.R. ET AL., "Electrically Short Monopole Antennas with Dielectric or Ferrite Coatings," Proc. IEEE, Vol. 125, pp.793-803, (September 1978)
	JAMES, J.R., ET AL., "Reduction of Antenna Dimensions with Dielectric Loading," <i>Electronics Letters</i> , Vol. 10, No. 13, pp. 263-265, (May 1974)
	Kaiser et al., Multi-Carrier CDMA with Iterative Decoding and Soft-Interference Cancellation, Proceedings of Globecom 1997, Vol. 1, Pages 523-529.
	KING, R.W.P., "The Many Faces of the Insulated Antenna," Proc. IEEE, Vol. 64, No.2, pp. 228-238, (February 1976)
	KINGSLEY, S.P., ET AL., "Beam Steering and Monopulse Processing of Probe-Fed Dielectric Resonator Antennas," <i>IEEE Proc.-Radar, Sonar, Navigation</i> , Vol. 146, No. 3, pp.121-125, (June 1999)
	KNIGHT, P., "Low-Frequency Behavior of the Beverage Aerial," <i>Electronics Letter</i> , Vol. 13, No. 1, pp. 21-22, (January 1977)

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EXAMINER INITIAL	DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)
	<del>Knisely, Douglas, N. Telecommunications Industry Association Subcommittee TR-45.5 - Wideband Spread Spectrum Digital Technologies Standards. Banff, Alberta. February 24, 1997 (TR45.5/97.02.24)21.</del>
	<del>Knisely, Douglas, N. Telecommunications Industry Association Subcommittee TR-45.5-Wideband Spread Spectrum Digital Technologies Standards, Working Group III-Physical Layer. Banff, Alberta. February 24, 1997 (TR45.5/97.02.24)22.</del>
	<del>Knisely, Lucent Technologies Air Interface Proposal for CDMA High Speed Data Service, January 16, 1997.</del>
	<del>Krzymien et al., Rapid Acquisition Algorithms for Synchronization of Bursty Transmissions in CDMA Microcellular and Personal Wireless Systems, IEEE Journal on Selected Areas in Communications, Vol. 14, No. 3, April 1996, Pages 570-579.</del>
	<del>Kumar et al, An Access Scheme for High Speed Packet Data Service on IS-95 based CDMA, February 11, 1997.</del>
	<del>Lau et al., A Channel-State-Dependent Bandwidth Allocation scheme for Integrated Isochronous and Bursty Media Data in a Cellular Mobile Information System, IEEE, 2000, Pages 524-528.</del>
	<del>LEE ET AL., "A Novel Hybrid CDMA/TDMA Protocol with a Reservation Request Slot for Wireless ATM Networks," IEICE Transactions on Communications, Vol. E82-B, No. 7, pp. 1073-1076 (July 25, 1999).**</del>
	<del>Liu et al., Channel Access and Interference Issues in Multi-Code DS-CDMA Wireless Packet (ATM) Networks, Wireless Networks 2, Pages 173-196, 1996.</del>
	<del>LONG, S.A., ET AL., "The Resonant Cylindrical Dielectric Cavity Antenna," IEEE Trans. Antennas and Propagation, Vol. AP-31, No. 3, pp. 406-412, (May 1983)</del>
	<del>LU, J., ET AL., "Multi-beam Switched Parasitic Antenna Embedded in Dielectric for Wireless Communications Systems," Electronics Letters, Vol. 37, No. 14, pp.871-872, (July 5, 2001)</del>
	<del>Lucent Technologies Presentation First Slide Titled, Summary of Multi-Channel Signaling Protocol, April 6, 1997.</del>
	<del>Lucent Technologies Presentation First Slide Titled, Why Support Symmetric HSD (Phase 1C), February 21, 1997.</del>

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		LUZWICK, J., ET AL., "A Reactively Loaded Aperture Antenna Array," <i>IEEE Trans. Antennas and Propagation</i> , Vol. AP-26, No. 4, pp. 543-547, (July 1978)
		MCCALLISTER, M.W. ET AL., "Resonant Hemispherical Dielectric Antenna," <i>Electronics Letters</i> , Vol. 20, no. 16, pp. 657-659, (August 1984)
		MCCALLISTER, M.W., ET AL., "Rectangular Dielectric Resonator Antenna," <i>Electronics Letter</i> , Vol. 19, No. 6, pp. 218-219, (March 1983)
		Melanchuk et al. <i>CDPD and Emerging Digital Cellular Systems</i> , Digest of Papers of COMPCN, Computer Society Conference 1996, Santa Clara, CA, no. CONF. 41, February 25, 1996, pp. 2-8, XP000628458.
		MILNE, R.M.T., "A Small Adaptive Array Antenna for Mobile Communications," <i>IEEE APS International Symposium Digest</i> , pp. 797-800, (1985)
		Mobile Station-Base Station Compatibility Standard for Dual-Mode Wideband Spread Spectrum Cellular System, TIA Interim Standard, TIA/EIA/IS-95-A (Addendum to TIA/EIA/IS-95), May 1995.
		Mobile Station-Base Station Compatibility Standard for Wideband Spread Spectrum Cellular Systems, TIA/EIA Standard, TIA/EIA-95-B (Upgrade and Revision of TIA/EIA-95-A), March 1999.
		Motorola, Version 1.0. <i>Motorola High Speed Data Air Interface Proposal Comparisons and Recommendations</i> . January 27, 1997.
		MSC-BS Interface (A-Interface) for Public 800 MHz. TIA/EIA/IS-634-A. TIA/EIA Interim Standard (Revision of TIA/EIA/IS-634) July 1998.
		MSC-BS Interface for Public 800 MHz. TIA/EIA/IS-634. TIA/EIA Interim Standard, December 1995.
		Network Wireless Systems Offer Business Unit (NWS OBU), Feature Definition Document for Code Division Multiple Access (CDMA) Packet Mode Data Services, FDD-1444, November 26, 1996.
		Ott, David TR45.5, CDMA WBSS Technical Standards Meeting Summary. February 24-28, 1997 Banff, Alberta.

EXAMINER  /Saba Tsegaye/ (12/15/2010)	DATE CONSIDERED
---	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)	ATTY. DOCKET NO. TAN-2-1495.01.US	SERIAL NO. 09/778,474
	APPLICANT Nelson et al.	
	FILING DATE February 7, 2001	GROUP 2467

EXAMINER INITIAL	DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)
	Ovesjö Frederik, European Telecommunication Standard, SMG2 UMTS physical Layer Expert Group, "UTRA Physical Layer Descriptions FDD parts" (v0.4, 1998-06-25), pp. 1-41, XP-002141421
	Packet Data Service Option Standard for Wideband Spread Spectrum Systems, TIA/EIA Interim Standard, TIA/EIA/IS-657, July 1996.
	<i>Physical Layer Standard for cdma2000 Spread Spectrum Systems, Release C</i> , TIA/EIA Interim Standard. TIA/EIA/IS-2000.2C. May, 2002.
	PRESTON, S., ET AL., "Direction Finding Using a Switched Parasitic Antenna Array," <i>IEEE APS International Symposium Digest</i> , Montreal, Canada, pp. 1024-1027, (1997)
	PRESTON, S.L., ET AL., 'A Multibeam Antenna Using Switched Parasitic and Switched Active Elements for Space-Division Multiple Access Applications,' <i>IEICE Trans. Electron.</i> , Vol. E82-C, No. 7, pp.1202-1210, (July 1999)
	PRESTON, S.L., ET AL., "Base-Station Tracking in Mobile Communications using a Switched Parasitic Antenna Array," <i>IEEE Trans. Antennas and Propagation</i> , Vol. 46, No. 6, pp. 841-844, (June, 1998)
	PRESTON, S.L., ET AL., "Electronic Beam Steering Using Switched Parasitic Patch Elements," <i>Electronics Letters</i> , Vol. 33, no. 1, pp. 7-8, (January 2, 1997)
	PRESTON, S.L., ET AL., "Size Reduction of Switched Parasitic Directional Antennas Using Genetic Algorithm Optimization Techniques," <i>Asia Pacific Microwave Conference Proceedings</i> , Yokohama, Japan, pp. 1401-1404, (1998)
	PRESTON, S.L., ET AL., "Systematic Approach to the Design of Directional Antennas Using Switched Parasitic and Switched Active Elements," <i>Asia Pacific Microwave Conference Proceedings</i> , Yokohama, Japan, pp. 531-534, (1998)
	Puleston, PPP Protocol Spoofing Control Protocol, Global Village Communication (UK) Ltd., February 1996.
	Reed et al., Iterative Multiuser Detection for CDMA with FEC: Near-Single-User Performance, <i>IEEE Transactions on Communications</i> , Vol. 46, No. 12, December 1998, Pages 1693-1699.
	RUZE, J., "Lateral-Feed Displacement in a Paraboloid," <i>IEEE Trans. Antennas and Propagation</i> , Vol. 13, pp. 660-665, (1965)

EXAMINER /Saba Tsegaye/ (12/15/2010)	DATE CONSIDERED
---	-----------------

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	FILING DATE February 7, 2001	GROUP 2467

EXAMINER INITIAL	DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)
	SCOTT, N.L., ET AL., "Diversity Gain from a Single-Port Adaptive Antenna Using Switched Parasitic Elements Illustrated with a Wire and Monopole Prototype," <i>IEEE Trans. Antennas and Propagation</i> , Vol. 47, No. 6, pp. 1066-1070, (June 1999)
	Shacham, et al., "A Selective-Repeat-ARQ Protocol for Parallel Channels and Its Resequencing Analysis," <i>IEEE Transactions On Communications</i> , XP000297814, 40 (4): 773-782 (Apr. 1997).
	SIBILLE, A., ET AL., "Circular Switched Monopole Arrays for beam Steering Wireless Communications," <i>Electronics Letters</i> , Vol. 33, No. 7, pp. 551-552, (March 1997)
	Simpson, W. (Editor). "RFC 1661 – The Point-to-Point Protocol (PPP)." Network Working Group, July 1994, pgs. 1-35. <a href="http://www.faqs.org/rfcs/rfc1661.html">http://www.faqs.org/rfcs/rfc1661.html</a>
	Simpson, W. (Editor). "RFC 1662 – PPP in HDLC-Like Framing." Network Working Group, July 1994, pgs. 1-17. <a href="http://www.faqs.org/rfcs/rfc1662.html">http://www.faqs.org/rfcs/rfc1662.html</a>
	Skinner et al., Performance of Reverse-Link Packet Transmission in Mobile Cellular CDMA Networks, IEEE, 2001, Pages 1019-1023.
	Stage 1 Service Description for Data Services - High Speed Data Services (Version 0.10) CDG RF 38. December 3, 1996.
	Support for 14.4 kbps Data Rate and PCS Interaction for Wideband Spread Spectrum Cellular Systems. TSB74, December 1995. TIA/EIA Telecommunications Systems Bulletin.
	Telecommunications Industry Association Meeting Summary. Task Group I, Working Group III, Subcommittee TR45.5. February 24-27, 1997. Banff, Alberta.
	Telecommunications Industry Association Meeting Summary. Task Group I, Working Group III, Subcommittee TR45.5. January 6-8, 1997. Newport Beach, California.
	THIRD GENERATION PARTNERSHIP PROJECT 2, "cdma2000 High Rate Packet Data Air Interface Specification," 3GPP2 C.S0024 Version 2.0 (October 27, 2000).
	THIRD GENERATION PARTNERSHIP PROJECT 2, "Physical Layer Standard for cdma2000 Spread Spectrum Systems," 3GPP2 C.0002-0 Version 1.0 (July 1999).

EXAMINER /Saba Tsegaye/	DATE CONSIDERED (12/15/2010)
----------------------------	---------------------------------

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		THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Physical Layer Procedures (FDD) (Release 1999)." 3GPP TS 25.214 v3.1.0 (December 1999).
		THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Physical Layer Procedures (FDD) (Release 1999)." 3GPP TS 25.214 v3.5.0 (December 2000).
		THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Physical layer procedures (TDD) (Release 1999)," 3GPP TS 25.224 V3.1.0 (December 1999).
		THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Physical layer procedures (TDD) (Release 1999)," 3GPP TS 25.224 V3.5.0 (December 2000).
		THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Spreading and modulation (TDD) (Release 1999)," 3GPP TS 25.223 V3.1.0 (December 1999).
		THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Spreading and modulation (TDD) (Release 1999)," 3GPP TS 25.223 V3.4.0 (September 2000).
		THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Radio Resource Management Strategies (3G TR 25.922 version 3.0.0)," 3G TR 25.922 V3.0.0 (December 1999).
		THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Radio Resource Management Strategies (Release 1999)," 3G TR 25.922 V3.4.0 (December 2000).
		THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; MAC protocol specification (3G TS 25.321 version 3.2.0)," 3G TS 25.321 V3.2.0 (December 1999).
		THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; MAC protocol specification (Release 1999)," 3G TS 25.321 V3.6.0 (December 2000).
		THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Services provided by the physical layer (Release 1999)," 3GPP TS 25.302 V3.7.0 (December 2000).
		THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Services provided by the physical layer (Release 1999)," 3GPP TS 25.302 V3.2.0 (December 1999).

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	THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Physical channels and mapping of transport channels onto physical channels (TDD) (3G TS 25.221 version 3.1.0)," 3G TS 25.221 V3.1.0 (December 1999).
	THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Physical channels and mapping of transport channels onto physical channels (TDD) (Release 1999)," 3G TS 25.221 V3.5.0 (December 2000).
	THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; RRC Protocol Specification (3G TS 25.331 version 3.1.0 Release 1999)," 3G TS 25.331 V3.1.0 (January 2000).
	THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; RRC Protocol Specification (Release 1999)," 3GPP TS 25.331 V3.5.0 (December 2000).
	THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network, Synchronisation in UTRAN Stage 2 (Release 1999)," 3GPP TS 25.402 V3.4.0 (December 2000).
	THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network, Synchronisation in UTRAN Stage 2 (3G TS 25.402 version 3.0.0 Release 1999)," 3GPP TS 25.402 V3.4.0 (December 2000).
	TIA/EIA Interim Standard, Mobile Station-Base Station Compatibility Standard for Dual-Mode Wideband Spread Spectrum Cellular System, TIA/EIA/IS-95 (July 1993).
	TSUI ET AL., "Sensitivity of EW Receivers," Microwave Journal, vol. 25, pgs. 115-117, 120 (Nov. 1982).
	<i>Upper Layer (Layer 3) Signaling Standard for cdma2000 Spread Spectrum Systems, Release C.</i> TIA/EIA Interim Standard. TIA/EIA/IS-2000.5-C. May, 2002.
	VAUGHN, R., "Switched Parasitic Elements for Antenna Diversity," <i>IEEE Trans. Antennas and Propagation</i> , Vol. 47, No. 2, pp. 399-405, (February 1999)
	Viterbi, The Path to Next Generation Services with CDMA, Qualcomm Incorporated, 1998 CDMA Americas Congress, Los Angeles, California, November 19, 1998.
	Wang et al., The Performance of Turbo-Codes in Asynchronous DS-CDMA, IEEE Global Communications Conference, Phoenix, Arizona, USA, November 3-8, 1997, Vol. III, Pages 1548-1551.

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--	-----------------

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EXAMINER INITIAL	DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)
	<del><u>WWW.CDG.ORG/NEWS/PRESS/1997.ASP</u> ODA Press Release Archive, 1997.</del>
	<del>YANG, SAMUEL C., "Principles of Code Division Multiple Access," In CDMA RF System Engineering, (MA: Artech House, Inc.), 1998, Chapter 4, pp 75-103.</del>

X\*\* English abstract provided.

<sup>1</sup> Corresponds to EP 0635949; <sup>2</sup> Corresponds to FR 2761557; <sup>3</sup> Corresponds to JP 2000-92019.

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